

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE
(REV. 8-83) PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.:
7600-20U1 (207600.0117) CHQP-0013

APPLICATION NO.:
09/487,851

INFORMATION DISCLOSURE CITATION

(Form PTO-1449 Modified 5-95)
(Use several sheets if necessary)

APPLICANT:
Robert J. Levy et al.

FILING DATE:
January 19, 2000

GROUP ART UNIT:
1643

U.S. PATENT DOCUMENTS



| EX. INIT | DOCU- MENT | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE |
|-----------|---------------|-----------------|------------|------------------|-------|---------------|----------------------------------|
| <i>EW</i> | | 4,160,452 | July 1979 | Theeuwes | | | |
| | | 4,256,108 | March 1981 | Theeuwes | | | |
| | | 4,265,874 | May 1981 | Bonsen et al. | | | |
| <i>EW</i> | | 5,034,506 | July 1991 | Summerton et al. | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EW Anderson et al., 1995, J. Biomed. Mater. Res. 29:1473-1475
EW Anderson et al., 1995, Tissue Eng. 1:323-326
 Antman, 1996, Am. J. Cardiol. 78:67-72
 Arenal et al., 1999, Circulation 99:2771-2778
EW Bello et al., 1985, J. Biomol. Struct. Dyn. 2:899-913
 Biben et al., 1996, Develop. Biol. 173:200-212
 Brauner et al., 1997, J. Thorac Cardiovasc Surg 114:923-933
 Buchanan et al., 1993, J. Cardiovasc. Pharmacol. 33:10-14
EW Chen et al., 1995, Human Gene Therapy 6:917-926
 Chiquet et al., 1996, Biochem. Cell Biol. 74:737-744
 Chubet et al., 1996, Biotechniques 20:136-141
 Cochrane et al., 1996, Drug Ther. Bull. 34:41-45
 Copertino et al., 1997, Proc. Natl. Acad. Sci. USA 94:1846-1851
 Cosio et al., 1996, Pacing Clin. Electrophysiol. 19:965-975
 Cosio et al., 1993, Lancet 341:1189-1193
EW Cosio et al., 1996, Arch. Mal. Coeur Vaiss. 1:75-81
 Couffinhal et al., 1997, Hum. Gene Ther. 8: 929-934
 Cox et al., 1993, Ann. Thorac. Surg. 56:814-823
 Cox et al., 1995, J. Thorac. Cardiovasc. Surg. 110:485-495
EW Desai et al., 1996, Pharm. Res. 13:1838-1845
 Desai et al., 1997, Pharm. Res. 14:1568-1573
 Fei et al., 1997, Circ. Res. 80:242-252
EW Field, Science 239:1029-1033

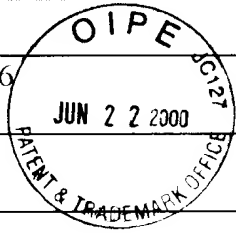
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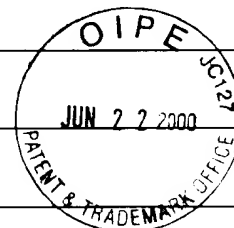
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| Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 8-83) PATENT AND TRADEMARK OFFICE | ATTORNEY DOCKET NO.: 7600-20U1 (207600.0117) CHOP-0013 | APPLICATION NO.: 09/487,851 |
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| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
| <i>GMF</i> | Frame, 1996, Cardiol. Clin. 14:471-481 | |
| <i>GMF</i> | Franz et al., 1997, Cardiovascular Research 35:560-566 | |
| <i>GMF</i> | Froissart et al., 1998, Clin. Gen. 53:362-368 | |
| <i>GMF</i> | Gibson et al., 1995, In: <u>Molecular Interventions and Local Drug Delivery in Cardiovascular Disease</u> , Edelman, Ed., W.B. Saunders Co., Ltd., London, UK, pp. 327-352 | |
| <i>GMF</i> | Gottsauner-Wolf et al., 1997, Am. Heart J. 133:329-334 | |
| <i>GMF</i> | Guzman et al., 1996, Circulation 94:1441-1448 | |
| <i>GMF</i> | Hammond et al., 1997, Analyt. Chem. 69:1192-1196 | |
| <i>GMF</i> | Huang et al., 1995, Nature 378:292-295 | |
| <i>GMF</i> | Humphrey et al., 1997, Adv. Drug Delivery Rev. 24: 87-108 | |
| <i>GMF</i> | Hunter et al., 1995, J. Biol. Chem. 270:173-178 | |
| <i>GMF</i> | Jain et al., 1991, Anal. Biochem. 199:119-124 | |
| <i>GMF</i> | Kaab et al., 1998, Circulation 98:1383-1393 | |
| <i>GMF</i> | Kaplan et al., 1998, Biochem. Pharmacol. 55:373-382 | |
| <i>GMF</i> | Kim et al., 1998, J. Clin. Invest. 101:1821-1826 | |
| <i>GMF</i> | King et al., 1997, J. Biol. Chem. 272:28518-28522 | |
| <i>GMF</i> | Labhasetwar et al., 1994, J. Cardiovasc. Pharm. 24:826-840 | |
| <i>GMF</i> | Labhasetwar et al., 1995, Clin. Pharmacokinet. 29:1-5 | |
| EXAMINER <i>Yan Mi Lu</i> | DATE CONSIDERED <i>7/14/00</i> | |

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| GAZ | 1 | Labhasetwar et al., 1995, Proc. Natl. Acad. Sci. USA 92:2612-2616 |  |
| GAZ | 1 | Labhasetwar et al., 1997, Adv. Drug Del. Rev. 24:109-120 | |
| GAZ | 1 | Labhasetwar et al., 1997, Adv. Drug Del. Rev. 24:63-85 | |
| GAZ | 1 | Labhasetwar et al., 1998, J. Cardiovasc. Pharmacol. 31:449-455 | |
| GAZ | 1 | Lasic (1997, In: <u>Gene Delivery</u> , Lipsows, Ed., CRC Press, Boca Raton, Florida, pp. 33-37 and 56-61 | |
| GAZ | 1 | Levy et al., 1995, J. Controlled Release 36:137-147 | |
| GAZ | 1 | Levy et al., 1996, Drug Delivery 3:137-142 | |
| GAZ | 1 | Martin et al., 1995, Nature 375:691-694 | |
| GAZ | 1 | Martinez-Fong et al., 1994, Hepatology 20:1602-1608 | |
| GAZ | 1 | Mason et al., 1998, Gene Therapy 5:1098-1104 | |
| GAZ | 1 | McDonald et al., 1997, Nature 388:289-292 | |
| GAZ | 1 | Milano et al., 1994, Proc. Natl. Acad. Sci. USA 91: 10109-10113 | |
| GAZ | 1 | Miyamoto et al., 1998, J. Cell. Physiol. 177:58-67 | |
| GAZ | 1 | Nakao et al., 1998, Am. J. Pathol. 152:1237-1245 | |
| GAZ | 1 | Natale et al., 1996, Am. J. Cardiol. 78:1431-1433 | |
| GAZ | 1 | Nielsen et al., 1991, Science 254: 1497 | |
| GAZ | 1 | Nishina et al., 1997, Nature 385:350-353 | |
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| <i>GMF</i> | Priori et al., 1997, PACE 29:2052-2057 | |
| <i>1</i> | Radler et al., 1997, Science 275:810-814 | |
| <i>GMF</i> | Ranger et al., 1998, Nature 392:186-190 | |
| <i>1</i> | Rauch et al., 1998, Am. J. Med. Gen. 78:322-331 | |
| <i>1</i> | Robbins, 1997, Trends Cardiovasc. Med. 7:185-191 | |
| <i>1</i> | Robbins and Ghivizzani, 1998, Pharmacol. Ther. 80:35-47 | |
| <i>GMF</i> | Roden et al., 1996, Annu. Rev. Med. 47:135-48 | |
| <i>1</i> | Rodefeld et al., 1996, J. Thorac. Cardiovasc. Surg. 112:898-907 | |
| <i>1</i> | Sanguinetti et al., 1995, Cell 81:299-307 | |
| <i>1</i> | Sanguinetti et al., 1996, Nature 384:80-83 | |
| <i>GMF</i> | Sanguinetti et al., 1996, Proc. Natl. Acad. Sci. USA. 93:2208-2212 | |
| <i>1</i> | Schneider et al., 1998, FEBS Letters 429:269-273 | |
| <i>1</i> | Schwendeman et al., 1995, Pharm. Res. 12:790-795 | |
| <i>1</i> | Shelness et al., 1994, J. Biol. Chem. 269:9310-9318 | |
| <i>1</i> | Sintov et al., 1997, Int. J. Pharm. 146:55-62 | |
| <i>GMF</i> | Solway et al., 1995, J. Biol. Chem. 270:13460-13469 | |
| <i>1</i> | | |
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Song et al., 1997, J. Controlled Release 45:177-192

Subramanian et al., 1995, Cell Growth Differ. 6: 131-137

Villa et al., 1995, Circ. Res. 76:505-513

Waldo, 1994, Clin. Cardiol. 17:1121-1126, 1994

Wang et al., 1997, Current Op. Cardio. 12:310-320

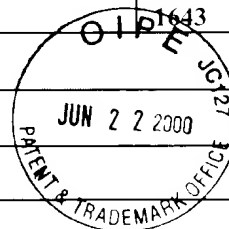
Wells et al., 1979, Circulation 60:665-673

Wolfert et al., 1996, Gene Therapy 3:269-273

Wolfert et al., 1996, Human Gene Therapy 7:2123-33

Wood et al., 1995, In: Molecular Interventions and Local Drug Delivery in Cardiovascular Disease, Edelman, Ed., W.B. Saunders Co., LTD, London, UK, pp. 399-471

Zhou et al., 1999, J. of Biol. Chem. 274:31123-31126



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